



US00PP13181P2

(12) **United States Plant Patent**
Brown

(10) **Patent No.: US PP13,181 P2**
(45) **Date of Patent: Nov. 5, 2002**

(54) **SUTERA PLANT NAMED ‘BACOBLE’**

(75) Inventor: **Graham Brown**, Baulkham Hills (AU)

(73) Assignee: **Nuflora International Pty. Ltd.**,
Sydney (AU)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/996,373**

(22) Filed: **Nov. 30, 2001**

(51) **Int. Cl.**⁷ **A01H 5/00**

(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** **Plt./263**

(56) **References Cited**
PUBLICATIONS

UPOV ROM GTITM Computer Database 2001/06, GTI
JOUVE Retrieval software, citations for ‘Bacoble’.*

* cited by examiner

Primary Examiner—Bruce R. Campell
Assistant Examiner—W C Baker
(74) *Attorney, Agent, or Firm*—C. A. Whealy

(57) **ABSTRACT**

A new and distinct cultivar of Sutura plant named ‘Bacoble’,
characterized by its mounded, low spreading and cascading
plant habit; freely and continuous branching habit; and
numerous salverform flowers that are violet blue in color.

1 Drawing Sheet

1

BOTANICLA CLASSIFICATION/CULTIVAR
DESIGNATON

Sutera cordata cultivar Bacoble.

BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-
var of Sutura plant, botanically known as *Sutera cordata*,
and hereinafter referred to by the cultivar name Bacoble.

The new Sutura is a product of a planned breeding
program conducted by the Inventor in Cobbitty, New South
Wales, Australia. The objective of the breeding program is to
create new Suteras with numerous violet blue-colored flow-
ers.

The new Sutura originated from a cross made by the
Inventor in 1998 of a proprietary Sutura selection identified
as X96.3.1, not patented, as the female, or seed parent, with
a proprietary Sutura selection identified as X96.3.2, not
patented, as the male, or pollen parent. The new Sutura was
selected as a single plant from the resulting progeny by the
Inventor in 1998, in Cobbitty, New South Wales, Australia,
on the basis of its numerous violet blue-colored flowers.

Asexual reproduction of the new cultivar by terminal
cuttings taken in Cobbitty, New South Wales, Australia since
1998 has shown that the unique features of this new Sutura
are stable and reproduced true to type in successive genera-
tions.

SUMMARY OF THE INVENTION

Plants of the cultivar Bacoble have not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature, light intensity and daylength without, however,
any variance in genotype.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of ‘Bacoble’.
These characteristics in combination distinguish ‘Bacoble’
as a new and distinct cultivar:

1. Mounded, low spreading and cascading plant habit.
2. Freely and continuous branching.

2

3. Numerous salverform flowers that are violet blue in
color.

Plants of the new Sutura differ primarily from plants of the
parent selections in flower color as plants of the new Sutura
have much darker violet blue-colored flowers than plants of
either parent selection.

Plants of the new Sutura can be compared to plants of the
Sutura cultivar Lavender Showers, disclosed in U.S. Plant
patent application Ser. No. 09/450,098. In side-by-side com-
parisons conducted in Cobbitty, New South Wales,
Australia, plants of the new Sutura differed from plants of
the cultivar Lavender Showers primarily in flower color as
plants of the new Sutura have darker violet blue-colored
flowers.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new cultivar, showing the colors as
true as it is reasonably possible to obtain in colored repro-
ductions of this type. Colors in the photographs may differ
slightly from the color values cited in the detailed botanical
description which accurately describe the colors of the new
Sutura.

The photograph at the top of the sheet comprises a side
perspective view of three typical flowering plants of
‘Bacoble’ grown in a 21.5-cm container.

The photograph at the bottom of the sheet comprises a
close-up view of a typical leaves and flowering stems of
‘Bacoble’.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observa-
tions and measurements describe plants grown in Encinitas,
Calif., in an outdoor nursery under full sunlight conditions
during the late winter and early spring with day temperatures
averaging 18° C. and night temperatures averaging 13° C.
Plants were grown for 18 weeks in 21.5-cm containers with
three plants per container and were pinched one time. Color
references are made to The Royal Horticultural Society
Colour Chart, version 1995, except where general terms of
ordinary dictionary significance are used.

Botanical classification: *Sutera cordata* cultivar Bacoble.

Parentage:

Female parent.—Proprietary *Sutera cordata* selection identified as X96.3.1, not patented.

Male parent.—Proprietary *Sutera cordata* selection identified as X96.3.2, not patented.

Propagation:

Type cutting.—Terminal vegetative cuttings.

Time to initiate roots.—Summer: About 8 days at 28° C.

Winter: About 12 days at 15° C.

Time to develop roots.—Summer: About 21 days at 28° C. Winter: About 28 days at 15° C.

Root description.—Fine and fibrous.

Rooting habit.—Freely branching.

Plant description:

Form.—Initially upright, then low spreading and cascading; uniform; plants eventually becoming hemispherical to spherical in shape. Freely branching with lateral branches potentially forming at every node. Vigorous growth habit.

Plant height.—About 8 cm.

Plant diameter.—About 36 cm.

Lateral branches.—Length: About 40 cm. Diameter: About 1.5 mm. Internode length, mature: About 3 cm. Texture: Pubescent; tiny white hairs. Color: Mature: More gray than 187A. Young: 144B.

Foliage description.—Arrangement: Opposite; simple. Quantity per lateral branch: About 22. Length: About 1.7 cm. Width: About 1.2 cm. Shape: Ovate. Apex: Broadly acute. Base: Obtuse. Margin: Serrate. Texture: Upper surface: Smooth, glabrous. Lower surface: Pubescent. Venation pattern: Pinnate. Fragrance: Spicy. Color: Young foliage, upper surface: 144A. Young foliage, lower surface: 144B. Mature foliage, upper surface: 137A. Mature foliage, lower surface: 137C. Venation, upper surface: 137A. Venation, lower surface: 137C. Petiole length: About 3 mm. Petiole diameter: About 1 mm. Petiole color: 147B.

Flower description:

Flower type and habit.—Solitary axillary flowers; salverform; slender corolla tubes flare abruptly into five rounded lobes. Flowers persistent. Very freely flowering; typically two flowers per node and about 25 buds and flowers per lateral branch over the production time of the plant. Flowers face mostly upward or outward.

Natural flowering season.—Plants typically flower from spring until fall; flowering continuous during this period.

Flower longevity on the plant.—About 3 to 4 days.

Fragrance.—Not detected.

Flower size.—Diameter: About 1.3 cm. Tube length: About 8 mm. Throat diameter, distal end: About 3 mm. Tube diameter, proximal end: About 2.5 mm.

Flower buds (showing color).—Length: About 6 mm. Diameter: About 2 mm. Shape: Obovate. Color: 92B.

Corolla.—Quantity/arrangement: Five fused petals; slender corolla. tube flaring abruptly into five rounded lobes. Petal lobe length from throat: About 5 mm. Petal lobe width: About 3 mm. Petal lobe shape: Roughly spatulate. Petal lobe apex: Rounded. Petal lobe margin: Entire. Texture: Smooth, velvety. Color: Petal lobe, upper surface, when opening: 92A. Petal lobe, lower surface, when opening: 92B. Petal lobe, upper surface, fully opened: 92B; color fading to 92C to 92D with subsequent development. Petal lobe, lower surface, fully opened: 92C. Flower throat (inside): 17A. Flower tube (outside): Towards apex, 92C; towards base, 8C.

Sepals.—Arrangement/appearance: Single whorl of five sepals fused at base; shallow cup-shaped calyx. Calyx length: About 5 mm. Calyx diameter: About 2.5 mm. Shape: Narrow, linear. Apex: Narrowly acute. Margin: Entire. Texture, upper and lower surfaces: Slightly pubescent. Color: Upper surface: 144B. Lower surface: 144A.

Peduncles.—Length: About 7 mm. Width: Less than 1 mm. Angle: About 45° from the stem. Strength: Strong; slender. Texture: Smooth. Color: 144A.

Reproductive organs.—Stamens: Quantity per flower: Five. Anther shape: Reniform. Anther length: Less than 1 mm. Anther color: 12A. Pollen amount: Scarce. Pollen color: 12A. Pistils: Quantity per flower: One. Pistil length: About 1 cm. Style length: About 9 mm. Style color: 151D. Stigma shape: Club-shaped. Stigma color: 151A. Ovary color: 144C.

Seed/fruit.—Seed nor fruit production has not been observed.

Disease/pest resistance: Plants of the new *Sutera* have not been noted to be resistant to pathogens or pests common to *Sutera*.

Temperature tolerance: Plants of the new *Sutera* have been observed to tolerate temperatures from 4 to 33° C.

It is claimed:

1. A new and distinct cultivar of *Sutera* plant named 'Bacoble', as illustrated and described.

* * * * *

